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# University of Dayton, Ohio (url: <http://www.udayton.edu/index.php>)



## Campus Report May 02, 2008

05.02.2008 | Faculty, Science, Research

A research electron microscopist at the University of Dayton Research Institute has had a photomicrograph selected for a juried exhibition featuring images made in pursuit of scientific discovery.

Scott Streiker's "Fruit Fly: *Drosophila melanogaster*," an image of a fly's compound eyes and mouth parts, is one of 62 works chosen from more than 300 submissions for the Images from Science 2008 exhibition, sponsored by the Rochester Institute of Technology's College of Imaging

Arts and Sciences.

Streiker, a Dayton resident, works in UD's Nanoscale Engineering Science and Technology (NEST) Laboratory. He captured the image on a Hitachi high-resolution scanning electron microscope. Sample preparation included critical point drying to prevent damage to the fly as it dehydrated, followed by sputter-coating it with gold to provide electrical conduction.

Streiker made the image while demonstrating the electron microscope to biology professor Amit Singh's graduate class in bioinstrumentation.